## IN THE SPECIFICATION

Please **amend** the paragraph beginning at page 12, line 7 and ending at page 12, line 14 as follows:

Kozaki et al. (in "Antibodies against Botulism Neurotoxin", L.L. Simpson, ed., 1989, Academic Press, New York) suggested that a protective epitope might be present in the 50 kDa carboxyl terminus (HC) region of the protein. Thompson et al. (1990, Eur. J. Biochem. 189:73-81 and Accession No. X52066, both of which are incorporated herein in their entirety by reference) deduced the amino acid sequence for the serotype A botulinum toxin. DasGupta et al. (1990, Biochemie, 72:661-664) identified the "nick" site for post-translational cleavage of the expressed toxin polypeptide, from which the sequence of the heavy chain can be deduced as SEQ ID NO:41 (amino acids 449 to 1296 of Accession No. X52066). See also Krieglstein, et al., 1994, J. Protein Chem., 13:49-57.

Please **amend** the paragraph beginning at page 13, line 1 and ending at page 13, line 6 as follows:

Whelan et al. (Appl. Environ. Microbiol. 58:2345-2354, 1992 and Accession No. M81186, both of which are

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incorporated herein in their entirety by reference) have deduced the amino acid sequence for the botulinum toxin. Schmidt, et al. (1985, Arch. Biochem. Biophys., **238:**544-548) provided N-terminal sequence information for the heavy chain resulting from posttranslational cleavage of the expressed toxin polypeptide, and the sequence of the heavy chain can be deduced from this information as SEQ ID NO:42 (amino acids 442 to 1291 of Accession No. M81186).

Please **amend** the paragraph beginning at page 38, line 6 and ending at page 38, line 7 as follows:

The C fragment for botulism toxin serotype B of Whelan was studied and the portion of the protein having the sequence of SEQ ID NO:40 (amino acids 853 to 1291 of Accession No. M81186) was defined as the C fragment.

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